

To Whom It May Concern:

As a Engineer who has been in the field of telecommunications for 18 years and as a user of RF-based communications systems, I am vehemently opposed to the use of electrical transmission facilities for broadband internet use. In reviewing the methods that are being proposed to place Broadband over power lines, it makes common sense that these methods will allow RF to be transmitted, much like an antenna, from the unshielded power lines.

RF traveling along an unshielded transmission line, unless specifically designed as a balanced feeder, will radiate. Any services (licensed and unlicensed) that currently use those particular frequencies or harmonically related frequencies are certain to experience interference. This is not in the public interest.

In particular, services such as the Amateur Radio Service, which provide live-saving communications in the face of disasters (both natural and man-made such as terrorism) utilize the HF spectrum which would be most subject to interference.

I urge the Commission to withdraw any considerations for this particular technology that would cause interference to licensed services.

Sincerely,

Edwin R. Johnson, Jr.